

WHAT IS CLAIMED IS:

1. A device for dermoscopic examination of moles on a patient's skin, said device comprising:
 - a portable memory storage device;
 - plural digital images showing the skin of a patient; and
 - a software application adapted for managing said plural digital images by facilitating viewing said plural digital images in a range of resolutions and in a sequence, said plural digital images and said software application being carried on said portable memory storage device.
2. The device as recited in claim 1, wherein said portable memory storage device is a compact disk.
3. The device as recited in claim 1, wherein said each digital image has at least six million pixels.
4. The device as recited in claim 1, wherein said plural digital images include plural sets of digital images, each set of said plural sets of digital images showing the skin of said patient, and wherein said software application is further adapted to permit comparison of said plural sets of digital images so that a user can look for changes over time in moles present on the skin.
5. The device as recited in claim 1, wherein said range of magnification is up to 3200%.
6. A system for dermatological examination of moles on a patient's skin, said system comprising:
 - a memory adapted to store plural digital images showing the skin of a patient; and
 - a software application in communication with said memory and adapted to retrieve digital images from said plural digital images when said plural digital images are stored in said memory, said software application having
 - a graphical user interface that enables a user to view said plural digital images,
 - means for displaying said plural digital images in a range of magnifications,
 - means for selecting portions of said plural digital images for display, and
 - means for annotating said plural digital images when said plural digital images are stored in said memory.
7. The system as recited in claim 6, wherein said software application permits comparison of images of said plural digital images.

8. The system as recited in claim 7, wherein said software application is adapted to receive annotations to images of said plural digital image.

9. The system as recited in claim 8, wherein said software application is adapted to display said plural digital images with annotations.

10. The system as recited in claim 6, wherein said software application includes means for acquiring additional digital images and adding said additional images to said memory.

11. The system as recited in claim 6, wherein said software application includes means for encrypting said plural digital images.

12. The system as recited in claim 6, further comprising means for reversing said plural digital images so that a user can see said plural digital images as if in a mirror.

13. The system as recited in claim 6, wherein said memory is dimensioned to hold at least one set of 33 digital images, each image of said 33 images containing at least six million pixels.

14. A method for dermoscopic examination of moles of a patient's skin, said method comprising the steps of:

- making a first set of plural digital images of the skin of a patient;
- storing said first set of plural digital images in a digital memory device;
- reviewing said first set of plural digital images in sequence; and
- annotating said first set of plural digital images.

15. The method as recited in claim 14, further comprising the steps of:

- making a second set of plural digital images of the skin of said patient, images of said second set corresponding to images of said first set to define image pairs;
- storing said second set of plural digital images in said digital memory device; and
- comparing said first set to said second set of digital images to determine if there are changes in moles present on the skin of said patient.

16. The method as recited in claim 15, wherein said comparing step further comprises the step of comparing image pairs side by side.

17. The method as recited in claim 15, wherein said comparing step further comprises the step of comparing corresponding image pairs by overlaying said images of said first set with images of said second set.

18. The method as recited in claim 14, wherein said making step further comprising the step of making each digital image substantially normal to the skin of said patient.

19. The method as recited in claim 14, wherein said making step further comprising the step of making each digital image of at least six million pixels.

20. The method as recited in claim 14, further comprising the step of installing a software application on said digital memory device, said software application having a graphical user interface and being adapted for managing said first set of plural digital images.